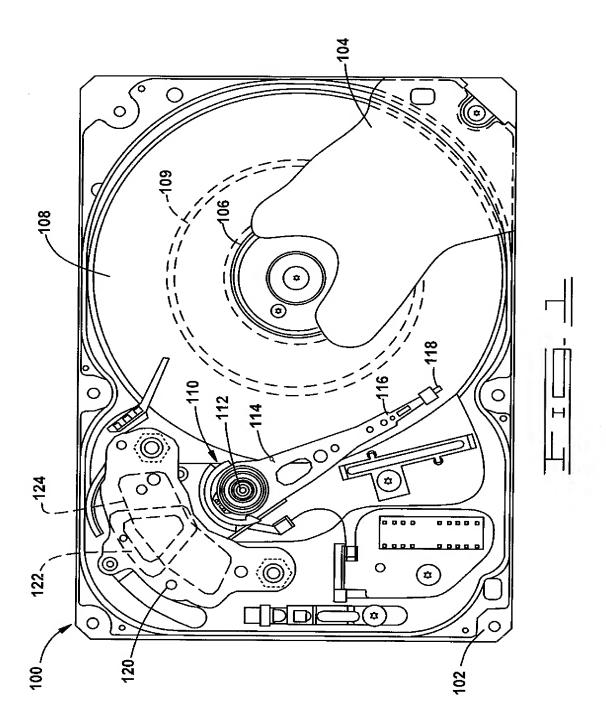
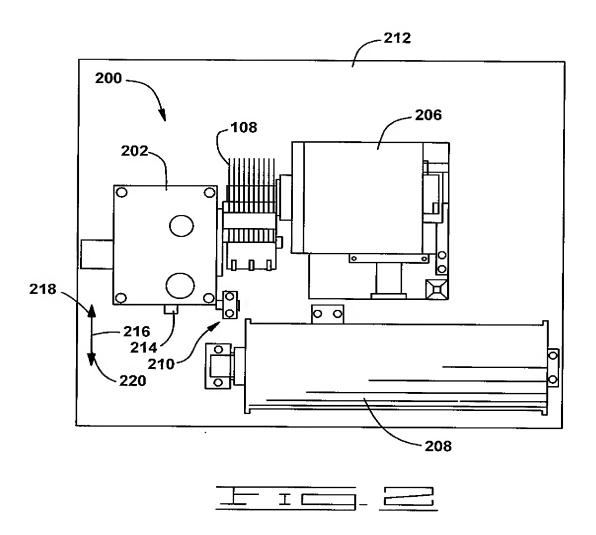
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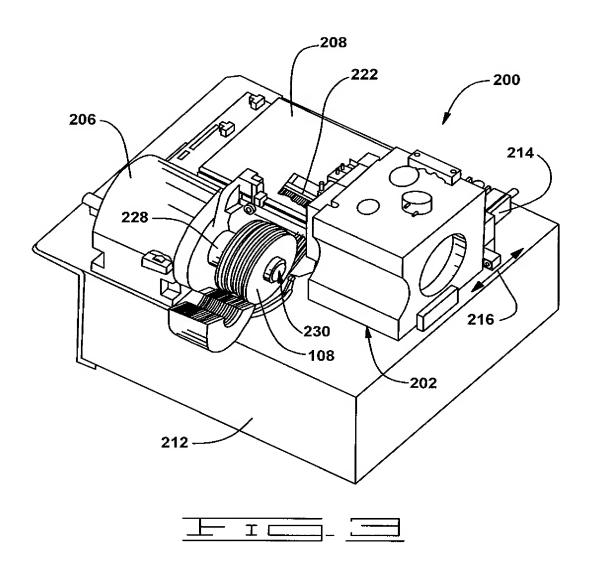


2/16

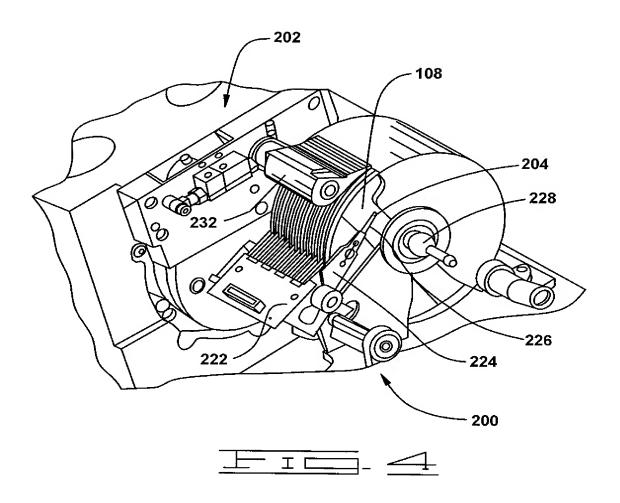




3/16



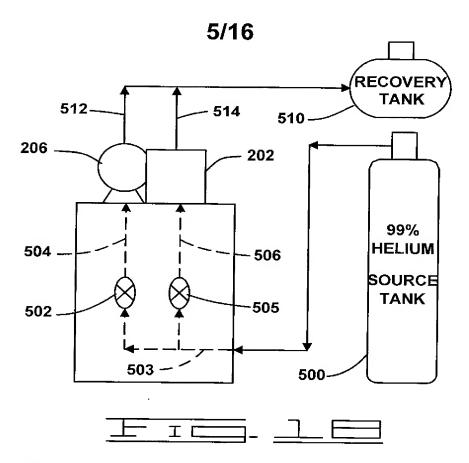
4/16



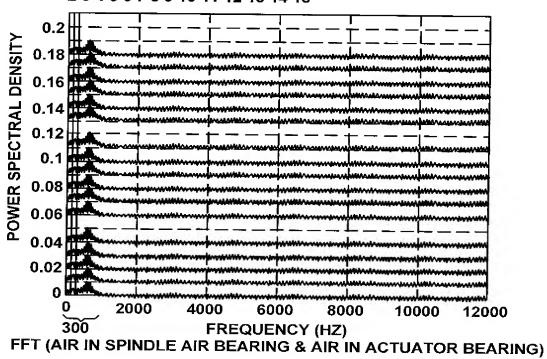


Title: SERVO TRACK WRITER WITH HELIUM BEARING Inventor: Mark A. Toffle, et al.

Filed: 7/23/03 Dkt. STL10953



PASS DATA AT STARTING TRACK OR ZONE # 1 HEADS 2 3 4 5 6 7 8 9 10 11 12 13 14 15

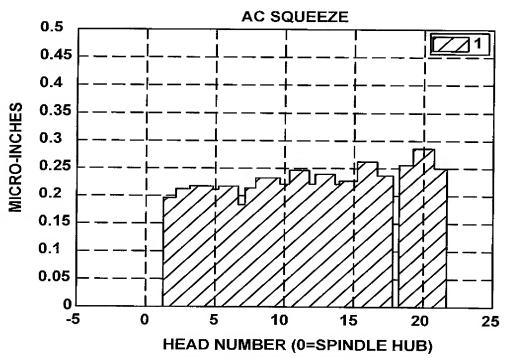




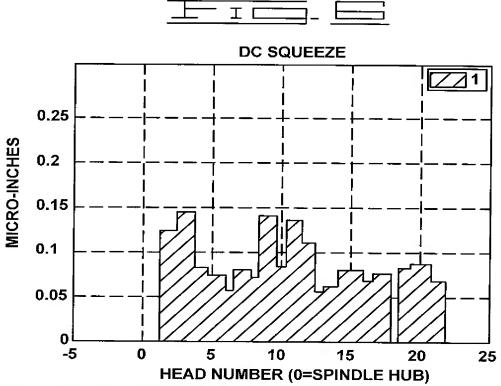
Title: SERVO TRACK WRITER WITH HELIUM BEARING Inventor: Mark A. Toffle, et al.  $\,$ 

Filed: 7/23/03 Dkt. STL10953

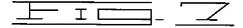
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AIR SQUEEZE (AIR IN SPINDLE AIR BEARING & AIR IN ACTUATOR BEARING)

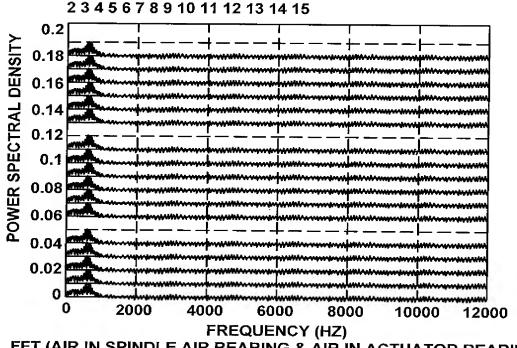


DC SQUEEZE (AIR IN SPINDLE AIR BEARING & AIR IN ACTUATOR BEARING)

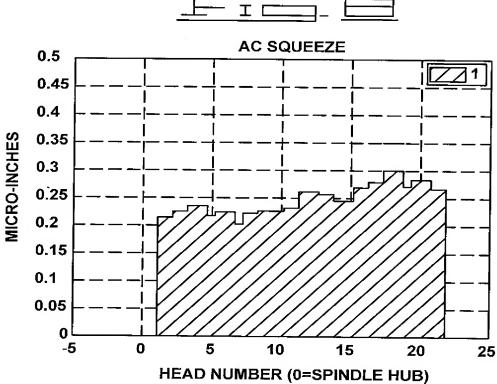




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PASS DATA AT STARTING TRACK OR ZONE # 1 HEADS



FFT (AIR IN SPINDLE AIR BEARING & AIR IN ACTUATOR BEARING)



AC SQUEEZE (AIR IN SPINDLE AIR BEARING & AIR IN ACTUATOR BEARING)





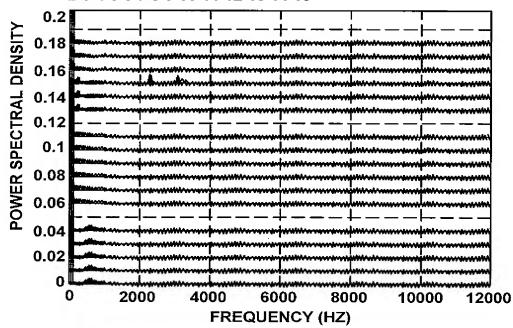
8/16
DC SQUEEZE

0.25
0.1
0.05
0.05
0.05
HEAD NUMBER (0=SPINDLE HUB)

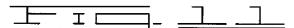
DC SQUEEZE (AIR IN SPINDLE AIR BEARING & AIR IN ACTUATOR BEARING)



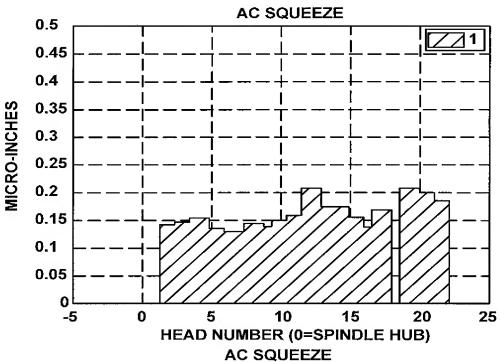
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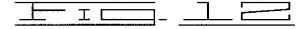
FFT (HELIUM IN SPINDLE AIR BEARING & HÉLIUM IN ACTUATOR BEARING)

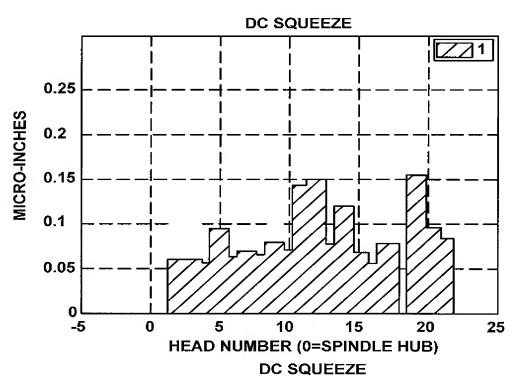


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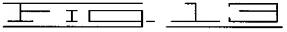


(HELIUM IN SPINDLE AIR BEARING & HELIUM IN ACTUATOR BEARING)



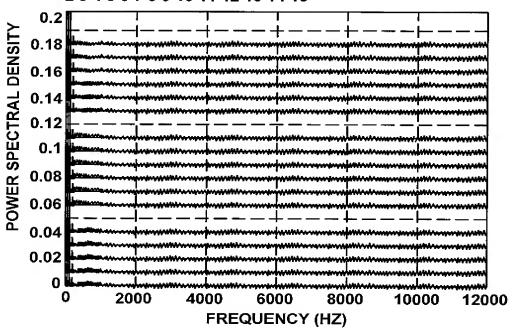


(HELIUM IN SPINDLE AIR BEARING & HELIUM IN ACTUATOR BEARING)



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## PASS DATA AT STARTING TRACK OR ZONE # 1 HEADS 2 3 4 5 6 7 8 9 10 11 12 13 14 15



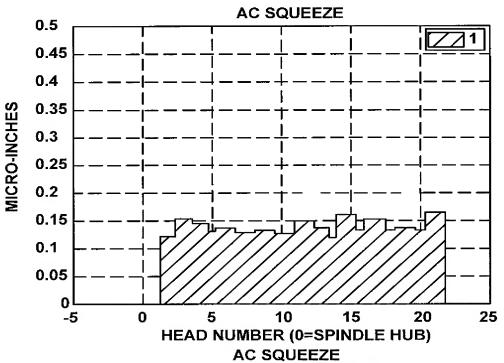
FFT (HELIUM IN SPINDLE AIR BEARING & HELIUM IN ACTUATOR BEARING)



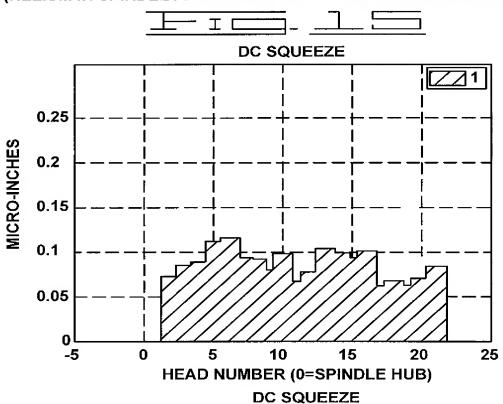
Title: SERVO TRACK WRITER WITH HELIUM BEARING Inventor: Mark A. Toffle, et al.

Inventor: Mark A. Toffle, et al. Filed: 7/23/03 Dkt. STL10953

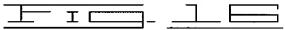
11/16



(HELIUM IN SPINDLE AIR BEARING & HELIUM IN ACTUATOR BEARING)

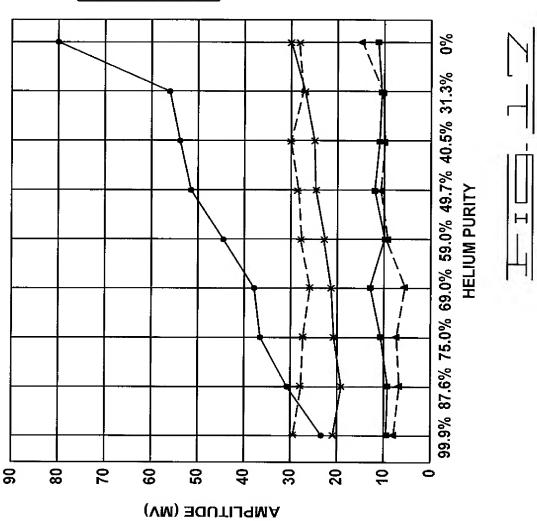


(HELIUM IN SPINDLE AIR BEARING & HELIUM IN ACTUATOR BEARING)

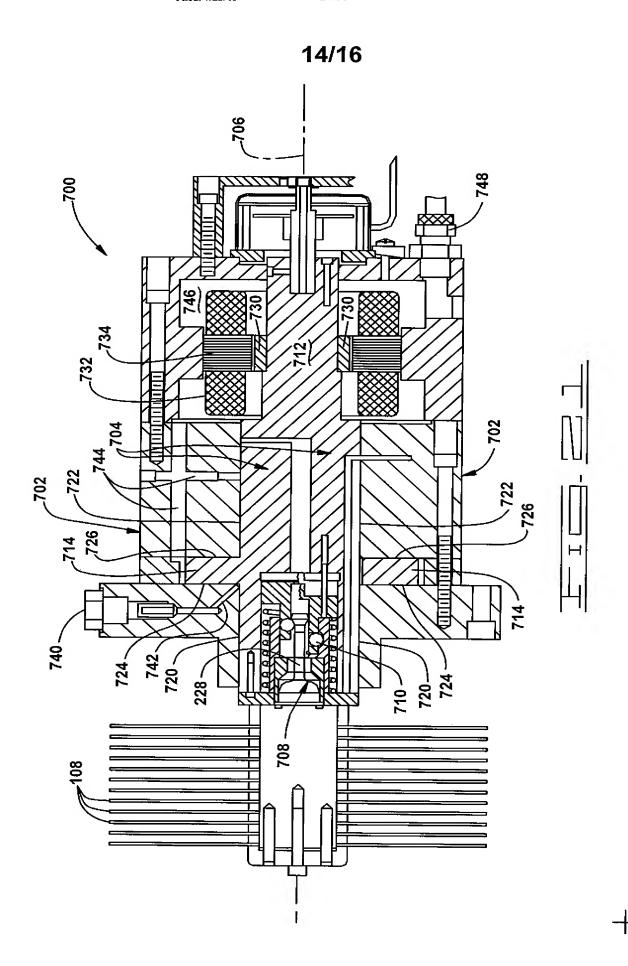


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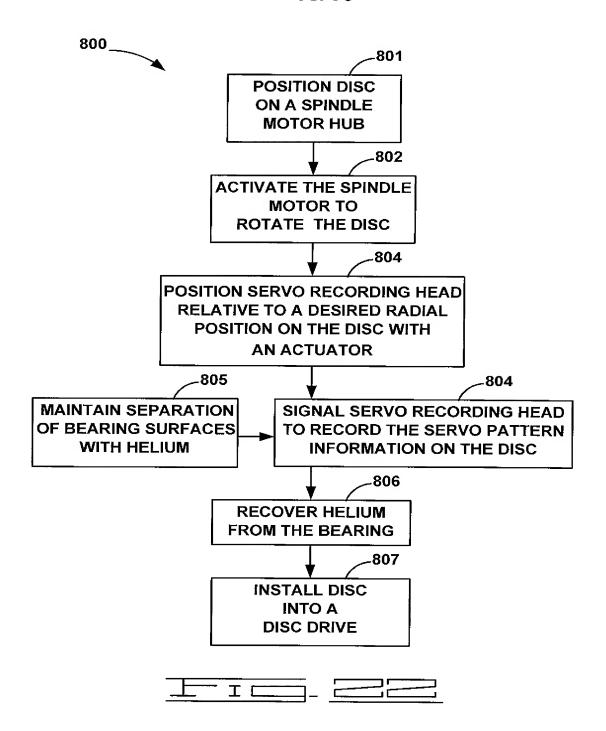


13/16 **2**0 600 -604 0 ~608 610 604 606 -602 I -608 602 -604 600 ~ 604 616 614 -626 624 622-625 619 606 -620 612 <del>,</del>618 -620 -619 622 626 624 -628 I



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